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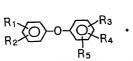
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9

(54) Title: DEVELOPER COMPOSITION FOR RESISTS AND METHOD FOR FORMATION OF RESIST PATTERN



(57) Abstract: To provide a developer composition for resists, capable of improving dimensional controllability of a resist pattern. The developer composition for resists comprises an organic quaternary ammonium base as a main component, said developer composition further comprising an anionic surfactant represented by the following general formula (t), and SO₄²⁺ the content of SO₄²⁺ being from 0.01 to 1% by mass. Formula (t). In the

formula, at least one of R₁ and R₂ represents an alkyl or alkoxy group having 5 to 18 carbon atoms and the other one represents a hydrogen atom, or an alkyl or alkoxy group having 5 to 18 carbon atoms, and at least one of R₃, R₄ and R₃ represents an ammonium sulfonate group or a sulfonic acid-substituted ammonium group and the others represent a hydrogen atom, an ammonium sulfonate group or a sulfonic acid-substituted ammonium group.

Relevant to claim No.

| A. CLASSIF | CATION OF SUBJEC | T MATTER_ | |
|------------|------------------|-----------|-----|
| TPC 7 | G03F7/32 | G03F7 | /32 |

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \qquad G03F$

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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| Date of t | he actual completion of the international search | Date of mailing of the international se | агся героп |
| | 13 June 2005 | 15/07/2005 | |
| Name a | nd mailing address of the ISA European Palent Office, P.B. 5618 Palentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340–2040, Tx. 31 651 epo nt, Fax (+31-70) 340–3016 | Authorized officer Heywood, C | -10 |

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